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DP  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: SHANE et al.	)	Confirmation Number: 7700
	)	
Serial No.: 10/050,492	)	Group Art Unit: 1761
	)	
Filed: 07 November 2000	)	Examiner: PADEN, C.
	)	
For: <b>PATHOGEN MANAGEMENT</b>	)	
<b>SYSTEM</b>	)	

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Kita L. Hall

Signature

**FIRST AMENDMENT AND RESPONSE**

Honorable Commissioner for Patents  
Washington, D.C. 20231

23 December 2002

Sir:

The Office Action mailed on September 26, 2002, has been received and reviewed. Applicant provides the following Amendment and Remarks in response thereto and requests reconsideration of the pending claims.

**IN THE CLAIMS**

**New Claims**

Please add the following new claims.

A1 21. (new) A method to control pathogens on a target element, the method comprising the following steps:

(a) combining an acid with a pressurized first carrier stream to form a pressurized first mixed stream;